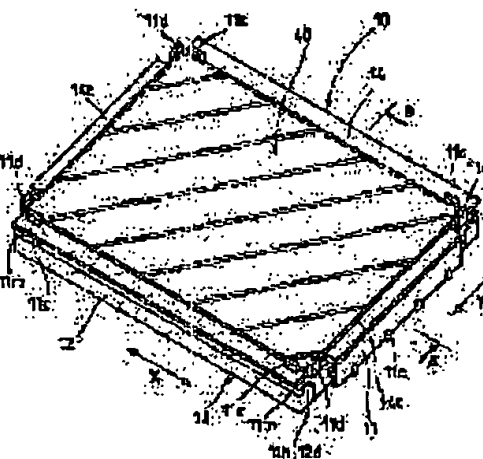


PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2000-258756
(43) Date of publication of application: 22.09.2000
(51) Int.Cl. G02F 1/1333, G09F 9/00
(21) Application number: 11-062796
(22) Date of filing: 10.03.1999
(71) Applicant: SHARP CORP
(72) Inventor: MINAMI KAZUYA
(54) LIQUID CRYSTAL MODULE
(57) Abstract:

PROBLEM TO BE SOLVED: To make it possible to assure the flatness, strength and thinness of a middle frame.

SOLUTION: This liquid crystal module is formed by making a rectangular annular frame 13 with resin frames 11 and 11 and lamp holes 12 and 12, placing a metallic plate 14 on this frame 13 and fixing the same by means of screws 15, thereby constituting the middle frame 10. The liquid crystal panel 40 is placed on the metallic plate 14 and an outer frame is fitted thereto. Panel guide ribs 11c from the resin frames 11 are inserted and projected into the holes of the metallic plate 14 and the liquid crystal panel 40 is regulated in its position by these ribs 11c. The holes of the outer frame are detained to detaining pawls 11e from the resin frames 11.

**LEGAL STATUS**

[Date of request for examination] 27.07.2001

[Date of sending the examiner's decision of rejection] 06.05.2003

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection] 2003-10052

[Date of requesting appeal against examiner's decision of rejection] 04.06.2003

[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office